

## TABLE OF CONTENTS

CONTENT	PAGE NO.
<b>DECLARATION</b>	<b>I</b>
<b>CERTIFICATE</b>	<b>II</b>
<b>ACKNOWLEDGMENT</b>	<b>III</b>
<b>CHAPTER 1 INTRODUCTION</b>	<b>1-16</b>
<b>CHAPTER 2 REVIEW OF RELATED LITERATURE</b>	<b>17-40</b>
<b>CHAPTER 3 METHODOLOGY</b>	<b>41-69</b>
<b>CHAPTER 4 DATA INTERPRETATION AND ANALYSIS</b>	<b>70-100</b>
<b>CHAPTER 5 SUMMARY OF THE FINDINGS</b>	<b>101-122</b>
<b>BIBLIOGRAPHY</b>	<b>123-135</b>
<b>LIST OF APPENDICES</b>	<b>I-III</b>

**LIST OF APPENDICES**

<b>APPENDIX NO.</b>	<b>TITLE OF THE APPENDIX</b>	<b>PAGE NO.</b>
<b>APPENDIX 1</b>	<b>LETTER TO EXPERTS FOR CONTENT VALIDATION</b>	<b>I</b>
<b>APPENDIX 2</b>	<b>LIST OF EXPERTS</b>	<b>II</b>
<b>APPENDIX 3</b>	<b>LIST OF PARTICIPATING DENTAL COLLEGES IN INDIA</b>	<b>III</b>

### LIST OF TABLES

<b>TABLE NO.</b>	<b>TITLE OF THE TABLE</b>	<b>PAGE NO.</b>
3.1	<b>DISTRIBUTION OF STATEMENTS FOR THE PROFESSIONALISM SCALE USED IN THE PILOT STUDY</b>	52
3.2	<b>INITIAL 35-STATEMENT SCALE</b>	52-53
3.3	<b>THE RESPONSES OF 15 EXPERTS FOR THE INITIAL 35-ITEM QUESTIONNAIRE</b>	54
3.4	<b>MEAN, SD, T VALUE &amp; P VALUE FOR THIRTY-FIVE ITEMS OF PROFESSIONAL SCALE</b>	56
3.5	<b>PERCENTILE NORMS OF PROFESSIONALISM SCALE (PILOT STUDY)</b>	57
3.6	<b>THE RESPONSES OF 10 EXPERTS FOR THE 20-ITEM QUESTIONNAIRE</b>	58
4.1	<b>CONSTRUCTS OF PROFESSIONALISM</b>	76
4.2	<b>QUANTITATIVE INTERPRETATION OF THE CONTENT VALIDITY</b>	77-78
4.3	<b>TEST-RETEST RELIABILITY OF THE PROFESSIONALISM SCALE</b>	78
4.4	<b>KMO AND BARTLETT'S TEST</b>	79
4.5.1	<b>EXPLORATORY FACTOR ANALYSIS</b>	79-81
4.5.2	<b>FACTOR ANALYSIS RESULTS FOR THE SCALE OF PROFESSIONALISM FOR DENTAL STUDENTS</b>	82-83
4.6.1	<b>RELIABILITY STATISTICS</b>	83-84

<b>TABLE NO.</b>	<b>TITLE OF THE TABLE</b>	<b>PAGE NO.</b>
<b>4.6.2</b>	<b>ITEM-TOTAL STATISTICS</b>	<b>85</b>
<b>4.7</b>	<b>DEMOGRAPHIC CHARACTERISTICS OF PARTICIPANTS</b>	<b>86-90</b>
<b>4.8.1</b>	<b>COMPARISON OF PROFESSIONALISM SCORES OF MALE AND FEMALE STUDENTS</b>	<b>91</b>
<b>4.8.2</b>	<b>COMPARISON OF PROFESSIONALISM SCORES OF MARRIED AND UNMARRIED STUDENTS'</b>	<b>91</b>
<b>4.8.3</b>	<b>COMPARISON OF MEAN PROFESSIONALISM SCORE OF STUDENTS WITH HEALTHCARE/NON-HEALTHCARE BACKGROUND</b>	<b>92</b>
<b>4.8.4</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE BETWEEN STUDENTS WHO OPTED BY INTEREST OR BY COMPULSION.</b>	<b>93</b>
<b>4.8.5</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE BETWEEN STUDENTS HAVING SIBLINGS OR NO SIBLINGS</b>	<b>93</b>
<b>4.8.6</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE BETWEEN STUDENTS HAVING URBAN AND RURAL ENVIRONMENTS</b>	<b>94</b>
<b>4.8.7</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE AMONG STUDENTS' YEARS OF POST-GRADUATION</b>	<b>95</b>
<b>4.8.8</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE AMONG STUDENTS' FAMILY INCOME.</b>	<b>96</b>
<b>4.8.9</b>	<b>COMPARISON OF THE MEAN PROFESSIONALISM SCORE BETWEEN STUDENTS WHO ATTENDED/DID NOT</b>	<b>97</b>

<b>TABLE NO.</b>	<b>TITLE OF THE TABLE</b>	<b>PAGE NO.</b>
	<b>ATTEND ANY FORMAL COURSES ON DENTAL PROFESSIONALISM AND ETHICS.</b>	
<b>4.9</b>	<b>THE MEAN SCORE OF THE PROFESSIONALISM SCALE</b>	<b>97-98</b>
<b>4.10</b>	<b>PERCENTILE NORMS OF PROFESSIONALISM SCALE</b>	<b>99-100</b>

## LIST OF FIGURES

<b>FIGURE NO.</b>	<b>TITLE OF THE FIGURE</b>	<b>PAGE NO.</b>
<b>3.1</b>	<b>REPRESENTATION OF PARTICIPATING DENTAL COLLEGES OF VARIOUS CITIES OF INDIA IN MAP</b>	<b>50</b>
<b>3.2</b>	<b>KEY PRINCIPLES FOR SUCCESSFUL ITEM WRITING</b>	<b>61</b>
<b>3.3</b>	<b>PLANNING OF SCALE DEVELOPMENT</b>	<b>61</b>
<b>3.4</b>	<b>PROPOSED CRITERIA FOR RETAINING AND DISCARDING ITEMS BEFORE OR AFTER EXPERT REVIEWING</b>	<b>62</b>
<b>3.5</b>	<b>OVERVIEW OF PILOT TESTING PROCEDURE</b>	<b>67</b>
<b>3.6</b>	<b>PHASES OF SCALE DEVELOPMENT</b>	<b>69</b>
<b>4.1</b>	<b>DOMAINS OF PROFESSIONALISM</b>	<b>76</b>
<b>4.2</b>	<b>PRINCIPAL COMPONENT ANALYSIS</b>	<b>83</b>
<b>4.3</b>	<b>DENTAL SPECIALTIES DISTRIBUTION OF PARTICIPANTS</b>	<b>87</b>
<b>4.4</b>	<b>GENDER DISTRIBUTION OF PARTICIPANTS</b>	<b>88</b>
<b>4.5</b>	<b>MARITAL STATUS DISTRIBUTION OF PARTICIPANTS</b>	<b>88</b>
<b>4.6</b>	<b>FAMILY INCOME DISTRIBUTION OF PARTICIPANTS</b>	<b>89</b>
<b>4.7</b>	<b>ACADEMIC YEAR-WISE ENROLMENT OF POSTGRADUATE STUDENTS</b>	<b>89</b>
<b>4.8</b>	<b>URBAN AND RURAL ENVIRONMENT STATUS DISTRIBUTION OF PARTICIPANTS</b>	<b>90</b>

<b>Sr. No.</b>	<b>CHAPTER - 1: INTRODUCTION</b>	
<b>1.0</b>	<b>INTRODUCTION</b>	<b>1</b>
<b>1.1</b>	<b>DEFINITION OF PROFESSIONALISM</b>	<b>3</b>
<b>1.2</b>	<b>RECOMMENDATIONS BY THE DENTAL COUNCIL OF INDIA ABOUT PROFESSIONALISM AND ETHICS</b>	<b>4</b>
<b>1.2.1</b>	<b>CODE OF DENTAL ETHICS</b>	<b>5</b>
<b>1.2.2</b>	<b>HEALTH EXPERT EXPECTATIONS</b>	<b>5</b>
<b>1.2.3</b>	<b>GOOD CLINICAL PRACTICES</b>	<b>5</b>
<b>1.2.4</b>	<b>QUALITY MAINTENANCE IN PATIENT CARE</b>	<b>6</b>
<b>1.2.5</b>	<b>REPORT OF UNETHICAL BEHAVIOR:</b>	<b>6</b>
<b>1.3</b>	<b>DUTIES OF DENTISTS TOWARD PATIENTS</b>	<b>6</b>
<b>1.3.1</b>	<b>RESPONSIBILITIES TOWARDS PATIENTS</b>	<b>6</b>
<b>1.3.2</b>	<b>CONFIDENTIALITY</b>	<b>7</b>
<b>1.3.3</b>	<b>PROGNOSIS</b>	<b>7</b>
<b>1.3.4</b>	<b>EMERGENCY ADDRESSED</b>	<b>7</b>
<b>1.4</b>	<b>LATEST AMENDMENT</b>	<b>7-8</b>
<b>1.5</b>	<b>GOALS OF TEACHING PROFESSIONALISM</b>	<b>9</b>
<b>1.5.1</b>	<b>FOR UNDERGRADUATES</b>	<b>9</b>
<b>1.5.2</b>	<b>FOR POSTGRADUATES</b>	<b>9</b>

<b>Sr. No.</b>	<b>CHAPTER - 1: INTRODUCTION</b>	
<b>1.6</b>	<b>COMPONENTS OF PROFESSIONALISM</b>	<b>9</b>
<b>1 6.1</b>	<b>HUMAN PRINCIPLES, MORAL PRACTICE, AND COMMUNICATION SKILLS</b>	<b>9</b>
<b>1.6.2</b>	<b>ATTITUDES</b>	<b>10</b>
<b>1.6.3</b>	<b>COMMUNICATIVE ABILITIES</b>	<b>10</b>
<b>1.7</b>	<b>ASSESSMENT</b>	<b>10-11</b>
<b>1.8</b>	<b>KEY CHALLENGES</b>	<b>11-12</b>
<b>1.9</b>	<b>IMPLICATION</b>	<b>12</b>
<b>1.10</b>	<b>RESEARCH CONTEXT</b>	<b>12-13</b>
<b>1.11</b>	<b>THE RATIONALE OF THE STUDY</b>	<b>13-14</b>
<b>1.12</b>	<b>RESEARCH QUESTIONS</b>	<b>14</b>
<b>1.13</b>	<b>CONCLUSIONS</b>	<b>15-16</b>

	<b>CHAPTER 2: REVIEW OF RELATED LITERATURE</b>	
<b>2.0</b>	<b>INTRODUCTION</b>	<b>17-19</b>
<b>2.1</b>	<b>RECOMMENDATIONS FOR RESEARCH ON THE ASSESSMENT OF PROFESSIONALISM</b>	<b>20</b>
<b>2.2</b>	<b>GENERAL GUIDELINES DEVELOPED FOR ASSESSING PROFESSIONALISM</b>	<b>20-21</b>
<b>2.3</b>	<b>MEDICAL STUDENTS' PROFESSIONALISM RATING SCALE</b>	<b>22-23</b>
<b>2.4</b>	<b>NURSING PROFESSIONAL VALUE SCALE</b>	<b>23-24</b>
<b>2.5</b>	<b>THE DENTAL VALUES SCALE</b>	<b>24-25</b>
<b>2.6</b>	<b>DENTAL SCALE FOR PROFESSIONALISM</b>	<b>26</b>
<b>2.7</b>	<b>RESEARCH CARRIED OUT IN INDIA</b>	<b>27</b>
<b>2.8</b>	<b>RESEARCH CARRIED OUT OVERSEAS</b>	<b>28-37</b>
<b>2.9</b>	<b>THE RESEARCH GAP</b>	<b>38</b>
<b>2.10</b>	<b>THE IMPLICATIONS OF A REVIEW OF RELATED LITERATURE</b>	<b>39-40</b>

<b>Sr. No.</b>	<b>CHAPTER 3: METHODOLOGY</b>	
<b>3.0</b>	<b>INTRODUCTION</b>	<b>41</b>
<b>3.1</b>	<b>RATIONALE OF THE STUDY</b>	<b>42-43</b>
<b>3.2</b>	<b>STATEMENT OF THE PROBLEM</b>	<b>44-45</b>
<b>3.3</b>	<b>OBJECTIVES OF THE STUDY</b>	<b>45</b>
<b>3.4</b>	<b>OPERATIONALIZED DEFINITION OF PROFESSIONALISM</b>	<b>45</b>
<b>3.5</b>	<b>HYPOTHESES</b>	<b>45-46</b>
<b>3.6</b>	<b>DELIMITATION OF THE STUDY</b>	<b>46</b>
<b>3.7</b>	<b>DATA REQUIRED FOR THE STUDY</b>	<b>46</b>
<b>3.8</b>	<b>SOURCE OF DATA</b>	<b>47</b>
<b>3.9</b>	<b>POPULATION /SAMPLE</b>	<b>47-49</b>
<b>3.9.1</b>	<b>SAMPLING METHOD</b>	<b>49</b>
<b>3.9.2</b>	<b>SETTING AND PARTICIPANTS</b>	<b>49</b>
<b>3.10</b>	<b>TOOL</b>	<b>50</b>
<b>3.10.1</b>	<b>PROFESSIONALISM SCALE</b>	<b>51</b>
<b>3.10.2</b>	<b>FORMAT AND NATURE OF STATEMENTS</b>	<b>51-53</b>
<b>3.11</b>	<b>EXPERTS VALIDATION</b>	<b>53-55</b>
<b>3.12</b>	<b>PILOT STUDY</b>	<b>55-58</b>
<b>3.13</b>	<b>THEORETICAL FRAMEWORK OF STANDARDIZATION</b>	<b>59-69</b>

<b>Sr. No.</b>	<b>CHAPTER 4 - DATA ANALYSIS AND INTERPRETATION</b>	
<b>4.0</b>	<b>INTRODUCTION</b>	<b>70</b>
<b>4.1</b>	<b>CONCEPTUAL AND OPERATIONAL DEFINITIONS OF VARIOUS CONSTRUCTS OF PROFESSIONALISM</b>	<b>70</b>
<b>4.1.1</b>	<b>SOCIETAL</b>	<b>70</b>
<b>4.1.1.1</b>	<b>TEAMWORK AND COLLABORATION</b>	<b>70</b>
<b>4.1.1.2</b>	<b>PREVENTION, PROMOTION, AND MAINTENANCE OF PUBLIC HEALTH</b>	<b>71</b>
<b>4.1.1.3</b>	<b>SUPPORTING PEOPLE FROM ALL COMMUNITIES /SOLIDARITY</b>	<b>71</b>
<b>4.1.1.4</b>	<b>SUSTAINABLE LIVING</b>	<b>71</b>
<b>4.1.1.5</b>	<b>ETHICAL USE OF SOCIAL MEDIA</b>	<b>71</b>
<b>4.1.2</b>	<b>PROFESSIONAL</b>	<b>72</b>
<b>4.1.2.1</b>	<b>GOOD LISTENER AND EFFECTIVE COMMUNICATOR</b>	<b>72</b>
<b>4.1.2.2</b>	<b>COMPASSION</b>	<b>72</b>
<b>4.1.2.3</b>	<b>PROFESSIONAL INTEGRITY</b>	<b>72</b>
<b>4.1.2.4</b>	<b>LIFELONG LEARNING</b>	<b>72-73</b>
<b>4.1.2.5</b>	<b>ACCOUNTABILITY</b>	<b>73</b>
<b>4.1.3</b>	<b>ETHICAL</b>	<b>73</b>
<b>4.1.3.1</b>	<b>AUTONOMY</b>	<b>73</b>
<b>4.1.3.2</b>	<b>EQUITABLE JUSTICE</b>	<b>73</b>
<b>4.1.3.3</b>	<b>BENEFICENCE</b>	<b>73</b>
<b>4.1.3.4</b>	<b>NONMALEFICENCE:</b>	<b>73-74</b>

<b>Sr. No.</b>	<b>CHAPTER 4 - DATA ANALYSIS AND INTERPRETATION</b>	
<b>4.1.3.5</b>	<b>CONFIDENTIALITY</b>	<b>74</b>
<b>4.1.4</b>	<b>PERSONAL</b>	<b>74</b>
<b>4.1.4.1</b>	<b>RESILIENCE</b>	<b>74</b>
<b>4.1.4.2</b>	<b>WORK-LIFE BALANCE</b>	<b>74</b>
<b>4.1.4.3</b>	<b>HONESTY AND PERSONAL INTEGRITY</b>	<b>74-75</b>
<b>4.1.4.4</b>	<b>SELF-DISCIPLINE:</b>	<b>75</b>
<b>4.1.4.5</b>	<b>SELF-REFLECTION</b>	<b>75</b>
<b>4.2</b>	<b>QUANTITATIVE INTERPRETATION OF THE CONTENT VALIDITY:</b>	<b>77</b>
<b>4.3</b>	<b>TEST-RETEST RELIABILITY</b>	<b>78</b>
<b>4.4</b>	<b>SAMPLE SIZE ADEQUACY</b>	<b>79</b>
<b>4.5.1</b>	<b>EXPLORATORY FACTOR ANALYSIS: (EFA)</b>	<b>79-81</b>
<b>4.5.2</b>	<b>FACTOR ANALYSIS RESULTS</b>	<b>82</b>
<b>4.6</b>	<b>RELIABILITY</b>	<b>83-85</b>
<b>4.7</b>	<b>DEMOGRAPHIC FINDINGS</b>	<b>86-90</b>
<b>4.8</b>	<b>HYPOTHESES</b>	<b>90-97</b>
<b>4.9</b>	<b>PERCENTILE NORMS</b>	<b>97-100</b>

<b>Sr. No.</b>	<b>CHAPTER 5 -SUMMARY OF THE FINDINGS</b>	
<b>5.0</b>	<b>INTRODUCTION</b>	<b>101</b>
<b>5.1</b>	<b>STATEMENT OF THE PROBLEM</b>	<b>101</b>
<b>5.2</b>	<b>OBJECTIVES OF THE STUDY</b>	<b>102</b>
<b>5.3</b>	<b>HYPOTHESES</b>	<b>102-103</b>
<b>5.4</b>	<b>METHODOLOGY</b>	<b>103</b>
<b>5.4.1</b>	<b>POPULATION</b>	<b>103-105</b>
<b>5.4.2</b>	<b>SAMPLE</b>	<b>105-106</b>
<b>5.4.3</b>	<b>TOOL</b>	<b>106-107</b>
<b>5.5</b>	<b>DISCUSSION</b>	<b>107-117</b>
<b>5.6</b>	<b>CONCLUSIONS</b>	<b>117-118</b>
<b>5.7</b>	<b>STRENGTHS OF STUDY</b>	<b>119</b>
<b>5.8</b>	<b>LIMITATIONS OF THE STUDY</b>	<b>119</b>
<b>5.9</b>	<b>FUTURE STUDIES</b>	<b>120-122</b>

## LIST OF ACRONYMS

<b>SR.NO</b>	<b>ABBREVIATION</b>	<b>FULL FORM</b>
1	<b>AETCOM</b>	<b>Attitude and Communication module</b>
2	<b>BDS</b>	<b>Bachelor of Dental Surgery</b>
3	<b>CFA</b>	<b>Confirmatory factor analysis</b>
4	<b>CVI</b>	<b>Content Validity Index</b>
5	<b>CVR</b>	<b>Content Validity Ratio</b>
6	<b>DCI</b>	<b>Dental Council of India</b>
7	<b>EFA</b>	<b>Exploratory factor analysis</b>
8	<b>EI</b>	<b>Emotional intelligence</b>
9	<b>EQ-i</b>	<b>Emotional Quotient Inventory</b>
10	<b>ICC</b>	<b>Intra Class Correlation Coefficient</b>
11	<b>IMAGE</b>	<b>Indian Medical graduate</b>
12	<b>KMO</b>	<b>Kaiser-Meyer-Olkin</b>
13	<b>MCI</b>	<b>Medical Council of India</b>
14	<b>MDS</b>	<b>Master of Dental Surgery</b>
15	<b>MSF</b>	<b>Multisource feedback</b>
16	<b>NPVS</b>	<b>Nursing Professional Values Scale</b>
17	<b>P-MEX</b>	<b>Professional mini-evaluation exercise</b>